

## **STATE OF MONTANA HIGH PERFORMANCE BUILDING STANDARDS GOALS**

Based on the 61<sup>st</sup> Legislature SB049, amending Section 17-7-201 MCA, and enacted under 17-7-202 MCA, the Department of Administration (through its Architecture & Engineering Division) establishes High-Performance Building Standards for the construction, renovation, and maintenance of public buildings in this state as well as all new state-leased buildings.(1.a) These standards have been developed to improve the capacity of the state to design, build, and operate high-performance and resilient buildings. An integrated design process to optimize energy performance, enhance indoor environmental quality, and conserve natural resources are encouraged for all projects. (2.a)

The overall goal of the HPBS is that state-owned and/or leased buildings will meet construction and operational standards that are cost effective and:

1. Exceed the International Energy Conservation Code most recently adopted by the department of labor and industry by 20% or to the extent that is cost-effective over the life of the building or major renovation (1.b).
2. Increase the use of environmentally and socially sustainable (2.c), building materials, finishes, and furnishings from Montana and within the region with an emphasis on functionality, durability, and maintenance (2.d);
3. Encourage comprehensive energy plans for buildings that implement passive design, utilization of local energy sources and local renewable energy sources;
4. Protect and conserve the natural resources of the state (2.a);
5. Reduce and properly manage waste generation;
6. Establish life-cycle cost analysis as the appropriate and most efficient analysis to determine the cost-effectiveness, including productivity, deferred maintenance, and operational considerations (2.b) of a building project;
7. Continue to ensure that the systems of each building project are designed, installed, and tested to perform according to the design intent and operational needs of the building;
8. Implement a comprehensive data base for all high-performing buildings;
9. Operate and maintain all State Projects at optimal efficiency, providing a healthy working environment, and controlling long term cost.
10. Develop building plans and other long-term strategic planning processes to incorporate the concepts of high performance buildings.

**END OF HIGH PERFORMANCE BUILDING STANDARDS GOALS**  
**EFFECTIVE DATE: FEBRUARY 07, 2013**